in claim 8 wherein said mechanical oscillator oscillates at a frequency in the range of 300Hz to 40Khz.

10. An optical communications system as claimed in claim 8 wherein said mechanical oscillator oscillates at a frequency in the range of 300Hz to 2500Hz.

11. An optical communications system as claimed in claim 7 wherein said mechanical modulator is in contact with said optical waveguide.

12. An optical communications system as claimed in claim 7 herein said mechanical modulator emits an audio signal in the presence of said optical waveguide.

13. An optical communications system as claimed in claim 7 herein said mechanical modulator interacts with an initial portion of said optical waveguide substantially adjacent said interconnection with said laser.

14. An optical communications system as claimed in claim 7 wherein said optical waveguide comprises an optical fibre and further includes a portion of an optical fibre having an offset core and said mechanical modulator perturbs said portion.

15. An optical communications system as claimed in claim 14 wherein said portion is bent into a coil.

in claim 8 wherein said mechanical oscillator oscillates at a frequency in the range of 300Hz to 40Khz.

10. An optical communications system as claimed in claim 8 wherein said mechanical oscillator oscillates at a frequency in the range of 300Hz to 2500Hz.

11. An optical communications system as claimed in ~~any of~~ claim 7 ~~to claim 10~~ wherein said mechanical modulator is in contact with said optical waveguide.

12. An optical communications system as claimed in ~~any of~~ claim 7 ~~to claim 10~~ herein said mechanical modulator emits an audio signal in the presence of said optical waveguide.

13. An optical communications system as claimed in claim 7 herein said mechanical modulator interacts with an initial portion of said optical waveguide substantially adjacent said interconnection with said laser.

14. An optical communications system as claimed in claim 7 wherein said optical waveguide comprises an optical fibre and further includes a portion of an optical fibre having an offset core and said mechanical modulator perturbs said portion.

15. An optical communications system as claimed in claim 14 wherein said portion is bent into a coil.

16. An optical fibre communications system substantially as hereinbefore describe with reference to the accompanying drawings.